

Counsellors At Law 28 State Street

BOSTON, MASSACHUSETTS 02109-1784 TELEPHONE (617) 227-7400 FAX (617) 742-4214 Ic@lahive.com

JOHN A. LAHIVE, JR. (1928-1997) THOMAS V. SMURZYNSKI RALPH A. LOREN GIULIO A. DeCONTI, JR ANN LAMPORT HAMMITTE ELIZABETH A. HANLEY AMY BAKER MANDRAGOURAS ANTHONY A LAURENTANO KEVIN J. CANNING JANEE REMILLARD DeANN FORAN SMITH PETER C. LAURO JEANNE M. DIGIORGIO DEBRA J. MILASINCIC, Ph.D. DAVID J. RIKKERS DAVID R. BURNS JOHN S CURRAN SEAN D DETWEILER

CYNTHIAL KANIK, Ph.D.
MEGAN E. WILLIAMS, Ph.D.
RICHA NAND
MICHAEL PHILLIPPS \*
LISA M. DIROCCO
HATHAWAY P. RUSSELL \*\*
MARIA LACCOTRIPE ZACHARAKIS, Ph.D.
VINCENT P. LOCCISANO
MERIDETH C. ARNOLD

SENIOR COUNSEL
JAMES E. COCKFIELD

OF COUNSEL

JEREMIAH LYNCH

WILLIAM A SCOFIELD, JR

SIBLEY P REPPERT

PATENT AGENTS
THEODORE R. WEST
SHAYNE Y HUFF, Ph D
DANIEL B. KO

TECHNICAL SPECIALISTS
CYNTHIA M. SOROOS
PETER W. DINI, Ph.D.
EUIHOON LEE
CATHERINE E. McPHERSON
ERIC F. WAGNER, Ph.D.
JACOB G. WEINTRAUB
JONATHAN M. SPARKS, Ph.D.
CRISTIN E. HOWLEY, Ph.D.

\* Admitted in NY only

RECEIVED

OCT 2 2 2002

TECH CENTER 1600/2900

October 8, 2002

Commissioner for Patents Washington, D.C. 20231

Re:

U.S. Patent Application No.: 09/892227

For: TRANSGENIC ORGANISMS HAVING TETRACYCLINE-REGULATED

TRANSCRIPTIONAL REGULATORY SYSTEMS

Inventors: Bujard, Hermann et al.

Filed: June 25, 2001

Our Ref. No.: BBI-013C2CN2

## Dear Sir:

I enclose herewith for filing in the above-identified application the following:

- 1. Information Disclosure Statement;
- 2. PTO Form 1449;
- 3. A copy of of reference FS entitled "Interdomain hybrid Tet proteins confer tetracycline resistance only when they are derived from closely related members of the tet gene family." cited in PTO Form 1449 (1); and
- 4. A Return Postcard.

No additional costs are believed to be due in connection with the filing of this Information Disclosure Statement. However, please charge any necessary fees in connection with the enclosed statement to our Deposit Order Account No. 12-0080. For this purpose, a duplicate of this sheet is attached.

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on:

Respectfully submitted,

LAHIVES & OCOGA KOFFE E DE DO COST P20036

09892227

October 8, 2002

Market 1 Section

Giulio A. DeConti, J. A.Su., Reg. No. 31.503

Giulio A. DeConti, Jr., Esq.

Registration No. 31,503

Attorney for Applicants



**RECEIVED** 

UCT 2 2 2002

TECH CENTER 1600/2900

In re the application of: Bujard, Hermann et al.

Serial No.: 09/892227

Filed: June 25, 2001

For: TRANSGENIC ORGANISMS HAVING

TETRACYCLINE-REGULATED

TRANSCRIPTIONAL REGULATORY SYSTEMS

Attorney Docket No.: BBI-013C2CN2

Group Art Unit: 1638

Examiner: Not yet assigned

Commissioner for Patents Washington, D.C. 20231

Certificate of First Class Mailing (37 CFR §1.8(a))

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on the date set forth below.

October 8, 2002

Date of Signature and of Mail Deposit

-

Giulio A. DeCopta, Jr., Esq.

Registration No. 31,503

Attorney for Applicants

## INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants and their Attorney are aware of the following patents, publications or other information, which are cited on the attached PTO Form 1449, and in accordance with 37 CFR §1.97 hereby submit these publications for the Examiner's consideration.

The present application is a Continuation Application of U.S. Serial No. 09/163269, filed September 29, 1998 (Atty. Docket No. BBI-013C2CN). The majority of the references listed on the enclosed PTO Form 1449 have been previously cited by or submitted to the Office in the prior application, and, in accordance with 37 CFR

Serial Number: 09/892227 oup Art Unit: 1638 Page -2-§1.98(d), copies of references AA-FR, FT-HE are not enclosed, but will be provided upon request. Reference FS has not been previously cited and is enclosed herewith. This statement is not to be interpreted as a representation that the cited publications are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any publication herein be construed per se as a representation that such publication is prior art. Moreover, Applicants understand that the Examiner will make an independent evaluation of the cited publications. Under 37 CFR § 1.97(b)(3), no additional costs are believed to be due in connection with the filing of this disclosure. If, however, a first Office Action on the merits issues in this application bearing a mailing date prior to the date of this Information Disclosure Statement, please charge the appropriate fee as required under 37 CFR §1.17(p) to our Deposit Order Account No. 12-0080. Respectfully submitted, LAHIVE & COCKFIELD, LLP Giulio A. DeConti, Jr., Esq. Registration No. 31,503 Attorney for Applicants 28 State Street Boston, MA 02109 (617) 227-7400 Date: October 8, 2002 GAD/CEH/alf

	•			Sheet 1 of 8		
	APPLICANT FACSIMILE OF FORM PTO-1449 REV 7-80	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO.	SERIAL NO.		
			BBI-013C2CN2	09/892227		
-	E LIST OF PUBLICATIONS	CITED BY APPLICANT	APPLICANT			
, ,	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	ets if necessary)	Bujard, Hermann et al.			
	Ose several sile	•	FILING DATE	GROUP		
. 4	5 2002 ul		June 25, 2001	1638		

U.S. PATENT DOCUMENTS

3	OF MARIE	<del>y</del> —	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Ī		AA	5,464,758	11/95	Gossen et al.	435	69.1	
ľ		AB	5,221,778	6/93	Byrne et al.	800	2	
Ì		AC	5,545,808	8/96	Hew et al.	800	2	
Ì	-	AD	5,595,895	1/97	Miki et al.	435	172.3	
l		AE	4,833,080	5/89	Brent et al.	435	172.3	

## FOREIGN PATENT DOCUMENTS

		1 OIKEIO	INT ATENT BOOGNERTO				
	DOCUMENT NUMBER	DATE	Country	CLASS	SUBCLASS	TRANS	
<b>-</b>	AF WO 96/01313	01/96	PCT	-	1	YES	NO
,	AG WO 94/29442	12/94	PCT		RE	CEI	/FD
,	AH WO 94/18317	08/94	PCT			122	
1	WO 94/04672	03/94	PCT				
,	AJ WO 93/23431	11/93	PCT		TECH C	NTER 1	600/250
,	AK WO 93/04169	03/93	PCT				
/	AL WO 92/20808	11/92	PCT	***			
,	MO 92/11874	07/92	PCT				
/	AN EP 0 494 724 A2	07/92	EPO				
/	<sup>AO</sup> WO 91/19796	12/91	PCT				
,	<sup>AP</sup> WO 91/19784	12/91	PCT				
,	<sup>AQ</sup> WO 91/13979	9/91	PCT				
,	AR EP 0 455 687 B1	11/91	EPO				
,	AS EP 0 455 424 A2	11/91	EPO				
<b>1</b>	AT EP 0 332 416	09/89	EPO				

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

	AU		Ackland-Berglund, C.E. and Leib, D.A. (1995) <i>BioTechniques</i> 19:216-217					
	Ackland-Berglund, C.E. and Leib, D.A. (1995) "Efficacy of Tetracycline-Controlled Gene Expression Is Influenced by Cell Type" <i>BioTechniques</i> 18(2):196-200							
Examine	r		Date Considered					
*EXAMINER:			Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					

	MT	1	ATTY DOCUMENT NO.	Sheet 2 of 8
APPLICA		LE OF FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	BBI-013C2CN2	SERIAL NO. U9/892227 RECEIV
LI		PUBLICATIONS CITED BY APPLICANT		
7.	·	(Use several sheets if necessary)	Bujard, Hermann et al.	GROUP J. 122
<u> </u>			June 25, 2001	1638 TECH CENTED
8		OTHERS (including Author, Tit	tle Nate Pertinent Pages Et	(c)
<del>9</del>	ВА	Agarwal, M.L. <i>et al.</i> (1995) "p53 Cor		
_		Mediates Reversible Growth Arrest of Science, Sci. USA, 92:8493-8497	in Human fibroblasts," <i>Procee</i>	
	BB	Altschmied, L. et al. (1988) "A threo		The state of the s
		alters the recognition of the sixth base 7(12):4011-4017	se pair of tet operator from G	C to AT", The EMBO Journal,
	BC	Baim, S.B. <i>et al.</i> (1991) "A chimeric	mammalian transactivator ba	ased on the lac repressor that is
		regulated by temperature and isopro		de", Proceedings of the National
	BD	Academy of Science 88: 5072-5076  Baniahmad, A. et al. (1992) "A Trans		Present In the Thyroid
		Hormone Receptor, In the v-erbA O		
	1 2	EMBO Journal 11(3):1015-1023		
	BE	Baumeister, R. <i>et al.</i> (1992) "Tet Re With New Recognition Specificities",	•	
	j j	Complexes Advances In Life Science		
	BF	Baumeister, R. et al. (1992) "Contac		
		New Recognition Specificities Of Sir Molecular Boiology, 226:1257-1270	ngle Amino Acids Replaceme	ent Mutants", <i>Journal Of</i>
	BG	Baumeister, R. et al. (1992) "Function	onal Roles Of Amino Acid Re	sidues Involved In Forming
		THE.Alphahelix-turnalphahelix o	•	of Tet repressor From Tn10",
	ВН	Proteins: Structure, Function, and G Bergman, M. et al. (1995) "Overexp		Is Localized in Focal
		Adhesions, Causes Reorganization	•	
		Molecular and Cellular Biology, 15(2		
	Ві	Boshart, M. <i>et al.</i> (1985) "A Very Str Gene of Human Cytomegalovirus",		stream of an Immediate Early
	BJ	Bradley, A. (1991) "Modifying the ma		argeting", Current Opinion in
	$\perp$	Biotechnology 2: 832-829		
	BK	Bradley, A. (1992)"Modifying The M	ouse: Design And Desire", <i>Bi</i>	iotechnology, <u>10</u> : 534-539
	BL.	Brent, R. and M. Ptashne (1984) "A Terminator Can Block Upstream Ac		
	ВМ	Brent R. and M. Ptashne (1985) "A I Specificity of a Prokaryotic Repressi	Eukaryotic Transcriptional Ac	
	BN	Brown, M., et al. (1987) "lac Repres Promoter Containing a lac Operator	sor Can Regulate Expressior	
	ВО	Buckbinder L. et al. (1994) "Gene R	egulation by Temperature-Se	ensitive p53 Mutants:
		Identification of p53 response genes	s" Proc. Natl. Acad. Sci. USA	91:10640-10644

\*EXAMINER:

Examiner

244:1288-1292

Date Considered

Capecchi, M.R. (1989) "Altering the Genome by Homologous Recombination", Science

Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

APPLICANT	FACSIMILE	OF	FORM PTO-1449
DEV 7 90			

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO. BBI-013C2CN2

SERIAL NO 09/892227REC

LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)

Bujard, Hermann et al.

June 25, 2001

1638

OCT 1 5 20UL	OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)
, <b>(</b> CA	Cayrol, C. et al. (1995) "Identification of Cellular Target Genes of the Epstein-Barr Virus
TRADE DE CE	Transactivator Zta: Activation of Transforming Growth Factor βigh3 (TGF-βigh3) and TGF-β1", Journal of Virology, 69(7):4206-4212
CB	Chen, Y.Q. et al. (1995) "Tumor Suppression by p21WAF11 <sub>"</sub> , Cancer Research, <u>55</u> :4536-4539
cc	Coghlan, A. (1995) "Gene dream fades away" New Scientist 148:14-15
CE	Courey, A.J. and Tjian, R., (1988) "Analysis of Sp1 In Vivo Reveals Multiple Transcriptional Domains, Including a Novel Glutamine-Rich Activation Motif", <i>Cell</i> 55:887-898
CE	Cowell, (1994) "Repression versus activation in the control of gene transcription," <i>Trends in Biochemical Sciences</i> , 19:1, 38-42
CF	Crystal, R.G. (1995) "Transfer of Genes to Humans: Early Lessons and Obstacles to Success", Science 270: 404-410
CG	Daddona et al. (1984) "Human Adenosine Deaminase." J. Biol. Chem 259: 12101-12106
CH	Damke, H. et al. (1994) "Induction of Mutant Dynamin Specifically Blocks Endocytic Coated Vesicle Formation." <i>The Journal of Cell Biology</i> 127 (4): 915-934
CI	Damke, H. et al. (1995) "Tightly Regulated and Inducible Expression of Dominany Interfering Dynamin Mutant in Stably Transformed HeLa Cells." Methods in Enzymology 257: 209-220
Cl	Degenkolb, J. et al. (1991) "Structural Requirements of Tetracycline-Tet Repressor Interaction: Determination of Equilibrium Binding Constants for Tetracycline Analogs with the Tet Repressor"  Antimicrobial Agents and Chemotherapy 35(8):1591-1595
CH	Deuschle, U., et al. (1989) "Regulated expression of foreign genes in mammalian cells under the control of coliphage T3 RNA polymerase and <i>lac</i> repressor", <i>Proceedings of the National Academy of Science USA</i> 86:5400-5404
CL	Deuschle <i>et al.</i> (1995) "Tetracycline-reversible silencing of eukaryotic promoters," <i>Mol. Cell. Biol.</i> , 15:4, 1907-1914
CN	Dhawan, J. et al. (1995) "Tetracycline-Regulated Gene Expression Following Direct Gene Transfer into Mouse Skeletal Muscle", Somatic Cell and Molecular Genetics, 21(4):233-240
CN	Ebert, K.M. <i>et al.</i> (1988) "A Moloney MLV-Rat Somatotropin Fusion Gene Produces Biologically Active Somatotropin in a Transgenic Pig." <i>Molecular Endocrinology</i> 2(3): 277-283
co	Transgenic Mice Expressing A Tetracycline-Regulated Oncogene" <i>PNAS. USA</i> , 92:3576-3580
CP	Epstein-Baak, R. et al. (1992) "Inducible Transformation of Cells from Transgenic Mice Expressing SV40 under Lac Operon Control", Cell Growth & Differentiation 3:127-134
cc	Fieck, A. et al. (1992) "Modifications of the E. Coli Lac Repressor for Expression in Eukaryotic Cells: Effect of Nuclear Signal Sequence on Protein Activity and Nuclear Documentation", Nucleic Acids Research 20:1785-1791
Examiner	Date Considered
*EXAMINE	R: Initial if reference considered, whether or not citation is in conformance with MPEP 609;  Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

				_
APPLICANT	<b>FACSIMILE</b>	OF	FORM	PTO-144
REV 7-80				

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

BBI-013C2CN2

09/892227

LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)

Bujard, Hermann et al.

GROUP 1638

TPE

		June 25, 2001 1638						
		OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)						
<u>ei</u>	DA	Fields, S. et al. (1989) "A novel genetic system to detect protein-protein interactions" Nature						
il.	DB	340: 245-246						
•	Figge, J., et al. (1988) "Stringent Regulation of Stably Integrated Chloramphenicol Acetyl Transferase Genes by <i>E. coli lac</i> Repressor in Monkey Cells", <i>Cell</i> 52:713-722							
	DC	Fishman G. et al. (1994) "Tetracycline-Regulated Cardiac Gene Expression in Vivo" J. Clin. Invest. 93:1864-1868						
	DD	Frankel, F.D. et al. (1988) "Tat Protein from Human Immunodeficiency Virus Forms a Metal- Linked Dimer" Science 240: 70-73						
	DE	Früh, K. et al. (1994) "Displacement of Housekeeping Proteasome Subunits by MHC-encoded LMP's: a Newly Discovered Mechanism for Modulating the Multicatalytic Proteinase Complex." EMBO Journal 13 (14): 3236-3244						
	DF	Früh, K. et al. (1995) "A Viral Inhibitor of Peptide Transporters for Antigen Presentation." Nature 375: 415-418						
	DG	Furth P. (1994) "Temporal Control of Gene Expression in Transgenic Mice By A Tetracycline-Responsive Promoter" <i>Proc. Natl. Acad. Sci. USA</i> 91:9302-9306						
	DH	Gatz et al. (1992) "Stringent repression and homogeneous de-repression by tetracycline of a modified CaMV 35S promoter in intact transgenic tobacco plants," <i>The Plant Journal</i> , 2(3):397-404						
	DI	Gatz, C. et al. (1991) "Regulation of a modified CaMV 35S Promoter by the Tn 10-encoder Tet repressor in Transgenic Tobacco" Mol. Gen. Genet. 227(2):229-237						
	ĎJ	Gatz, C. and P. Quail (1988) "Tn10-Encoded tet Repressor Can Regulate an Operator- Containing Plant Promoter" <i>Proc. Natl. Acad. Sci. USA</i> 85:1394-1397						
	DK	Gjetting, T. <i>et al.</i> (1995) "Regulated Expression of the Retinoblastoma Susceptibility Gene in Mammary Carcinoma Cells Restores Cyclin D1 Expression and G <sub>1</sub> -Phase Control", <i>Biol. Chem. Hoppe-Seyler</i> , 376:441-446						
	DL	Gossen M. and B. Hermann (1993) "Anhydrotetracycline, A Novel Effector of Tetracycline Controlled Gene Expression Systems In Eukaryotic Cells" <i>Nucleic Acids Research</i> 21(18):4411-4412						
	DM	Gossen, M., et al. (1993) "Control of gene activity in higher eukaryotic cells by prokaryotic regulatory elements", <i>TIBS</i> 18(12):471-475						
	DN	Gossen et al. (1995) "Exploiting prokaryotic elements for the control of gene activity in higher eukaryotics," Keystone Symposium on Gene Therapy and Molecular Medicine, Steamboat Springs, Colorado, <i>Journal of Cellular Biochemistry</i> , Supplement 0 (21A), Abstract no. C6-220, 355						
	DO	Gossen et al. (1994) "Inducible Gene Expression Systems For Higher Eukaryotic Cells" Current Opinion in Biotechnology 5:516-520						
Gossen, M. and Bujard, H. (1992) "Tight control of gene expression in mammaliar tetracycline-responsive promoters", <i>Proceedings of the National Academy of Scie</i> 89:5547-5551								
	DQ	Gossen <i>et al.</i> (1995) "Transcriptional activation by tetracyclines in mammalian cells," <i>Science</i> , 268:5218, 1766-1769						
xamine	er	Date Considered						
*EXAMII	NER:	Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

•			Sheet 5 of 8	
APPLICANT FACSIMILE OF FORM PTO-1449 REV 7-80	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO	SERIAL NO.	
		BBI-013C2CN2	09/892227	
LIST OF PUBLICATIONS	CITED BY APPLICANT	APPLICANT		Ca
(Use several shee	ets if necessary)	Bujard, Hermann et a	l	
OIPE	•	FILING DATE	GROUP	
′ <b>′</b> ′ ′		June 25, 2001	1638	

<del>`</del>	<del>,</del>	
T 1 5 2002	<u>.</u>	OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)
, 6	EA .	Gunzburg, W.H. and Salmons, B. (1995) "Virus vector design in gene therapy", <i>Molecular Medicine Today</i> 1: 410-417
RADEN APPL	EB	Haase, S.B. et al. (1994) "Transcription Inhibits the Replication of Autonomously Replicating Plasmids in Human Cells", <i>Molecular and Cellular Biology</i> , 14(4):2516-2524
	EC	Hammer, R.E. et al. (1986) "Genetic Engineering of Mammalian Embryos." J. Anim. Sci. 63: 269-278
	ED	Hecht, B. et al. (1993) "Noninducible Tet Repressor Mutations Map from the Operator Motif to the C Terminus", <i>Journal of Bacteriology</i> 175(4):1206-1210
	EE	Hennighausen, L. et al. (1995) "Conditional Gene Expression in Secretory Tissues and Skin of Transgenic Mice Using the MMTV-LTR and the Tetracycline Responsive System", Journal of Cellular Biochemistry, 59: 463-472
	FF	Herschbach B. and A. Johnson (1993) "Transcriptional Repression In Eukaryotes" <i>Annu. Rev. Cell Biol.</i> 9:479-509
	EG	Hillen, W. and Schollmeier, K. (1983) "Nucleotide sequence of the Tn10 encoded tetracycline resistance gene", <i>Nucleic Acids Research</i> 11(2):525-539
	ЕН	Hinrichs, W. et al. (1994) "Structure of the Tet Repressor-Tetracycline Complex and Regulation of Antibiotic Resistance", Science 264:418-420
	EI	Howe, J.R. <i>et al.</i> (1995)"The Responsiveness of a Tetracycline-Sensitive Expression System Differs in Different Cell Lines", <i>The Journal of Biological Chemistry</i> , 270, No. 23, pp. 14168-14174
	EJ	Houdebine, LM. (1994)"Production of Parmaceutical Proteins From Transgenic Animals", Journal of Biotechnology 34:269-287
	EK	Hu, M.C-T and Davidson, N. (1987) "The Inducible <i>lac</i> Operator-Repressor System Is Functional in Mammalian Cells", <i>Cell</i> 46:555-566
	EL	Kao, C.C. et al. (1990) "Cloning of a Transcriptionally Active Human TATA Binding Factor" Science 248: 1646-1650
	EM	Kappel, C.A. et al. (1992)"Regulating Gene Expression In Transgenic Animals", Current Opinio In Biotechnology, 3:548-553
	EN	Krimpenfort, P. et al. (1991) "Generation of Transgenic Dairy Cattle Using 'in vitro' Embryo Production." BIO/Technology 9:844-847
	EO	Labow, M.A. et al. (1990) "Conversion of the lac Repressor into an Allosterically Regulated Transcriptional Activator for Mammalian Cells", Molecular and Cellular Biology 10(7):3343-335
	EP	Landschulz, W.H. et al. (1989) "The DNA Binding Domain of the Rat Liver Nuclear Protein C/EBP is Bipartite" Science 243: 1681-1688
	EQ	Liang et al. (1995)"Enhanced and switchable expression systems for gene-transfer," Keystone Symposium on Gene Therapy and Molecular Medicine, Steamboat Springs, Colorado, Journal of Cellular Biochemistry, Supplement 0 (21A), Abstract no. C6-220, 379
	CD.	1

Date Considered Examiner \*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this

Apoptosis." Genes & Development 9: 2143-2156

form with next communication to applicant.

ES

Licht, J. et al. (1990) "Drosophila Krüppel Protein is a Transcriptional Repressor" Nature 346:76-

Maheswaran, S. et al. (1995) "The WT1 Gene Product Stabilizes p53 and Inhibits p53-mediated

1638

			Sheet 6016
APPLICANT FACSIMILE OF FORM PTO-1449 REV 7-80	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO	SERIAL NO
		BBI-013C2CN2	09/892227
LIST OF PUBLICATIONS	CITED BY APPLICANT	APPLICANT	
· (Use several she	ets if necessary)	Bujard, Hermann et al.	·····

June 25, 2001

2002	T T	OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)
MARKO	FA	Mansour, S.L. <i>et al.</i> (1988) "Disruption of the Proto-Oncogene <i>int-2</i> in Mouse Enbryo-Derived Stem Cells: a General Strategy for Targeting Mutations to Non-Selectable Genes" <i>Nature</i> 336:348-352
	FΒ	Marshall, E. (1995) "Gene Therapy's Growing Pains" Science 269: 1050-1055
	FC	Mastrelangelo et al. (1996) "Gene Terapy for Human Cancer: An Essay for Clinicians" Semina in Oncology 23 (1):4-21
	FD	McKnight, S.L. (1984) "The Distal Transcription Signals of the Herpesvirus <i>tk</i> Gene Share a Common Hexanucleotide Control Sequence" <i>Cell</i> 37: 253-262
	FE	Mendez, B. et al. (1980) "Heterogeneity of tetracycline resistance determinants" <i>Plasmid</i> 3:99-108
	FF	Mermod N. et al. (1989) "The Proline-Rich Transcriptional Activator of CTF/NF-I Is Distinct fom the Replication and DNA Binding Domain" Cell 58:741-753
	FG	Miller, K. et al. (1995)"The Function of Inducible Promoter Systems in F9 Embryonal Carcinomic Cells", Experimental Cell Research, 218: 144-150
	FH	Muller, G. et al. (1995)"Characterization Of Non-Inducible Tet Repressor Mutants Suggests Co formational Changes Necessary For Induction", Nature Structural Biology, 2: 693-703
	FI	Mullins, L.J. and Mullins, J.J. (1996) "Transgenesis in the Rat and Larger Mammals." <i>J. Clin. Invest.</i> 98(11) Supplement 1996: S37-S40
	FĴ	Murre, C. et al. (1989)"Interactions Between Heterologous Helix-Loop-Helix Proteins Generate Complexes That Bind Specifically to a Common DNA Sequence" Cell 58: 537-544
	FK	Notarianni, et al. (1994)"Production of pharmaceutical proteins from transgenic animals", Journ of Reproduction and Facility, 41: 51-56
	FL	Orkin, S. H. and Motulsky, A.G. (1995) "Report and recommendations of the panel to assess the NIH investment in research on gene therapy" http://www.nih.gov/news/panelrep.html
	FM.	Passman, R.S. et al. (1994)"Regulated Expression of Foreign Genes In Vivo After Germline Transfer", J. Clin. Invest., 94:2421-2425
	FN	Pescini R. et al. (1994) "Inducible Inhibition of Eukaryotic Gene Expression" <i>Biochemical and Biophysical Research Communications</i> 202(3):1664-1667
	FO	Postle, K. et al. (1984) "Nucleotide sequence of the repressor gene of the TN10 tetracycline resistance determinant", <i>Nucleic Acids Research</i> 12(12):4849-4863
	FP	Pursel et al. (1989) "Genetic engineering of livestock" Science 244 1281-1288
	FQ	Renkawitz R. (1990) "Transcriptional Repression In Eukaryotes" TIG 6(6):192-193
	FR	Resnitzky D. (1994) "Acceleration of the G1/S Phase Transition by Expression of Cyclins D1 a E with an Inducible System" <i>Molecular and Cellular Biology</i> 14(3):1669-1679
	FS	Rubin, et al. (1990) "Interdomain hybrid Tet proteins confer tetracycline resistance only when they are derived from closely related members of the tet gene family." J. Bacteriol. 172:2303-12
-	FT	Salter, et al. (1987) "Transgenic chickens: insertion of retroviral genes into the chicken germ lin Virology 157: 236-240
Exami	ner	Date Considered
*EXAN	MINER:	Initial if reference considered, whether or not citation is in conformance with MPEP 609;  Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

form with next communication to applicant.

REV 7-80
----------

ATTY DOCKET NO BBI-013C2CN2

June 25, 2001

SERIAL NO. 09/892227

LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)

Bujard, Hermann et al.

GROUP 1638

yur.	OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)				
ĞA GA	Sato, K. et al. (1986) "A specific DNA Sequence Controls Termination of Transcription in the				
GB GB	Gastrin Gene" Molecular and Cellular Biology 6(4): 1032-1043				
GB	Sauer, F. and H. Jäckle (1993) "Dimerization and the Control of Transcription by Krüppel" Nature 364:454-457				
GC	Seamark, R.F. (1994) "Progress and Emerging Problems in Livestock Transgenesis: a Summary Perspective." Reprod. Fertil. Dev. 6: 653-657				
GD	Seipel, K., et al. (1992) "Different activation domains stimulate transcription from remote ('enhancer') and proximal ('promoter') positions", <i>The EMBO Journal</i> 11(13):4961-4968				
GE	Shan, B., et al. (1994) "Deregulated Expression of E2F-1 Induces S-Phase Entry and Leads to Apoptosis." Molecular and Cellular Biology 14(12): 8166-8173				
GF	Sizemore, C. et al. (1990) "Quantitative Analysis of Tn10 Tet Repressor Binging To A Complete Set Of Tet Operator Mutants", Nucleic Acids Research, 18(10): 2875-2880				
GG	Smithies, O. et al. (1985) "Insertion of DNA sequences into the human chromosomal $\beta$ -globin locus by homologous recombination", <i>Nature</i> 317:230-234				
GH	Sopher, B.L. <i>et al.</i> (1994) "Cytotoxicity Mediated By Conditional Expression of a Carboxyl- Terminal Derivative of the β-Amyloid Precursor Protein", <i>Molecular Brain Research</i> , 26:207-21				
GI	Strojek, et al. (1988) "The Use Of Transgenic Animal Techniques For Livestock Improvement", Genetic Engineering, Principles and Methods, 10: 221-246				
GJ	Tovar, K. <i>et al.</i> (1988) "Identification and nucleotide sequence of the class E <i>tet</i> regulatory elements and operator and inducer binding of the encoded purified Tet repressor", <i>Mol. Gen. Genet.</i> 215:76-80				
GK	Triezenberg, S.J. et al. (1988) "Functional dissection of VP16, the <i>trans</i> -activator of herpes simplex virus immediate early gene expression", <i>Genes &amp; Development</i> 2:718-729				
GL	Unger, B. et al. (1984) "Nucleotide sequence of the gene, protein purification and characterization of the pSC101-encoded tetracycline resistance-gene-repressor", <i>Gene</i> . 31:103-108				
GM	Unger, B. et al. (1984) "Nucleotide sequence of the repressor gene of the RA1 tetracycline resistance determinant: structural and functional comparison with three related Tet repressor genes", Nucleic Acids Research 12(20):7693-7703				
GN	Wall, R.J. (1996) "Transgenic Livestock:Progress and Prospects For The Future"  Theriogenology, 45: 57-68				
GO	Waters, S.H. et al. (1983) "The tetracycline resistance determinants of RP1 and Tn1721: nucleotide sequence analysis", <i>Nucleic Acids Research</i> 11(17):6089-6105				
GP	Weinmann P. et al. (1994) "A Chimeric Transactivator Allows Tetracycline-Responsive Gene Expression in Whole Plants" <i>The Plant Journal</i> 5(4):559-569				
GQ	Wimmel A. et al. (1994) "Inducible Acceleration of G1 Progression Through Tetracycline- Regulated Expression of Human Cyclin E" Oncogene 9:995-997				
Examiner	Date Considered				
*EXAMINER:	Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.				

			Sheet 8 of 8	
APPLICANT FACSIMILE OF FORM PTO-1449 REV 7-80	U.S. DEPARTMENT OF COMMERCE	ATTY DOCKET NO.	SERIAL NO.	
NEV 1-00		BBI-013C2CN2	09/892227	
LIST OF PUBLICATIONS	CITED BY APPLICANT	APPLICANT		
· (Use several she	ets if necessary)	Bujard, Hermann et al.		
,	• •	FILING DATE	GROUP	
IPE		June 25, 2001	1638	

5 <del>(2002</del>		OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)
	HA	Wissmann, A. et al. (1991) "Selection for Tn10 Tet Repressor Binding to tet Operator in Escherichia coli: Isolation of Temperature-Sensitive Mutants and and combinatorial Mutagenesis in the DNA Binding Motif" Genetics 128:225-232
ENTE	нв	Wissmann, A., et al. (1991) "Amino Acids Determining Operator Binding Specificity In The Hel Turn-Helix Motif Of Tn10 Tet Repressor", <i>The EMBO Journal</i> , 10(13):4145-4152
	НС	Wu, Z. <i>et al.</i> (1995) "Conditional Ectopic Expression of C/EBPβ in NIH-3T3 Cells Induces PPA γ and Stimulates Adipogenesis", <i>Genes &amp; Development</i> , 9:2350-2363
	HD	Wyborski, D.L., and Short, J.M., (1991) "Analysis of Inducers of the <i>E. Coli</i> Lac Repressor System in Mammalian Cells and Whole Animals", <i>Nucleic Acids Research</i> 19:4647-4653
	HE	Yarranton G. (1992) "Inducible Vectors For Expression In Mamalian Cells" <i>Current Opinion in Biotechnology</i> 3:506-511
		RECEIVE
		OCT 2 2 2007
		TECH CENTER 1600/
1		Date Considered
Examir	<u> </u>	